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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/645,285	08/21/2003	Janard J. Jobes I	2793.2.3	7243

7590 01/10/2005
A John Pate
Pate Pierce and Bard
Parkside Tower
215 South State Street Suite 550
Salt Lake City, UT 84111

EXAMINER

SWARTHOUT, BRENT

ART UNIT	PAPER NUMBER
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2636

DATE MAILED: 01/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/645,285

Applicant(s)

JOBES ET AL.

Examiner

Brent A Swarthout

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>1-23-04</u> . | 6) <input type="checkbox"/> Other: ____. |

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1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

a. Claims 1,3,5 and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Schofield et al.

Schofield discloses a first camera 16, monitor (Fig. 3) and simultaneous display of video and vehicle data 56 (Fig. 3).

Regarding claim 3, Schofield discloses use of left, right and rear cameras (Fig.1).

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

b. Claims 2,4,7,9,12-15 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schofield et al. in view of Jobes I et al.

Jobes discloses desirability of including vehicle data along with camera display including indoor environment and security surveillance (col.5, lines 12-15).

It would have been obvious to include an indoor security camera as suggested by Jobes in conjunction with a camera display as disclosed by

Schofield, in order that a driver could have monitored more comprehensive areas.

Regarding claim 7, the data communications protocol used by Jobes (col.5, lines 30-35) would have been equivalent to use of a data bus.

Regarding claim 9, Jobes teaches fuel indication (col.5, line 52).

Regarding claims 13-14, Jobes teaches overlaying data over a video display (col. 5, line 17). Choosing to provide background for the data would have been well-known and an obvious matter of aesthetic design choice.

Regarding claim 15, Jobes teaches user inputs (col.4, lines 50-55).

Regarding claim 17, Jobes teaches use of trip data (col. 4, lines 29-34).

3. Claims 6,11 and 18-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schofield et al. in view of Lee.

Lee teaches desirability of activating right camera when right turn signal is on and left camera when left turn signal is on (col. 4, lines 15-26).

It would have been obvious to activate side cameras as suggested by Lee when turn signals were activated in a system as disclosed by Schofield, in order to conserve power by only turning on cameras when needed.

Regarding claim 11, Lee teaches logging data (col.4, line 49).

Regarding claims 18-19, Lee teaches use of multiplexer 68 to switch between camera images.

Regarding claim 20, Lee teaches turning power on/off to cameras (col. 4, lines 14-50).

4. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Schofield et al. in view of Futami et al.

Futami teaches desirability of indicating door status in a vehicle display system (col. 2, lines 5-10).

It would have been obvious to include door status data with a display as disclosed by Schofield, in order to provide more comprehensive data to a driver to provide for safer driving. It is well-known in the vehicle art to provide means for locking/unlocking doors.

5. Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Schofield et al. in view of Bang et al.

Bang discloses desirability of displaying checklist to a vehicle operator (col. 12, lines 55-65).

It would have been obvious to provide checklist to vehicle operator in a system as disclosed by Schofield, in order to allow a user to perform necessary tasks, without having to use a separate display, thereby saving expense and space.

6. Claims 21-22 and 26 are rejected under 35 U.S.C. 102(b) as being anticipated by Lee.

Lee teaches use of rear view camera 14, monitor 74, and security camera sharing monitor (col. 4, lines 27-50).

7. Claims 23-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee in view of Sergeant et al.

Sergeant teaches desirability of multiplexing plural security cameras on a display (col. 3, line 65- col.4, line 9).

It would have been obvious to multiplex plural security cameras in a system as disclosed by Lee, in order that a vehicle could have been protected from threats at various locations around the vehicle.

8. Claim 27 is rejected under 35 U.S.C. 103(a) as being unpatentable over RearVision Brochure.

RearVision teaches desirability of providing tire pressure data in conjunction with a video display, it being obvious to have a rear vision system display images within a vehicle environment.


9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Cooper, Marshall, Ishida, Nojima and Secor disclose display and monitoring systems.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brent A Swarthout whose telephone number is 571-272-2979. The examiner can normally be reached on M-F from 6:30 to 4:00.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeff Hofsass, can be reached on 571-272-2981. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Brent A Swarthout
Examiner
Art Unit 2636

**BRENT A. SWARTHOUT
PRIMARY EXAMINER**